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Padam Singh,
N 3/3, Neelam Tower,
ONGC Colony,
Bandra Kurla Complex,
Bandra (East),
Bombay 400051,
India
Dated 9th July 2009

To,
United States Patent and Trademark Office,
Randolph Building,
401 Dulany Street,
Alexandria, VA 22314,
The United States of America.

Dear Sir,

Subject: Response to the Examination Report.
Reference: Application Numbered 10568192
Applicant: Padam Singh
Examiner: John Rivel
Art Unit: 3753
PCT Number: PCT/IN2004/000243
Title: A LIQUID SEAL FOR RECOVERING FLARED GAS

The following shall be taken as my response to the Examination report:

1. *Considering the documents cited, I agree with the examiner that Claim 1 and Claim 2 do not seem to consist of a patentable matter in totality. I thus propose to not claim the disclosure shown in the Claim 1 (a) and Claim 1 (b), while limiting my claim to the statements below the Claim 1 (b). I propose to totally delete Claim 2.*
2. I propose to amend the Claim 3, which shall be renumbered as Claim 1 due to the deletion of originally numbered Claim 1 & 2, as follows:

A device comprising of:

- (a) a bent tube of U shape, such U-tube having one arm connected to the pipe collecting all the vented gas released from the plant, and other arm connected to a liquid holder;
- (b) a pipe, fitted with a non-return valve, connecting the bottom of the liquid

holder to the bottom of the U-tube;

(c) the top of the liquid holder connected to the piping leading to the flare stack;

wherein there is provided a piping connecting the tip of one arm of the U-tube to the pipe connecting top of the liquid holder; the U-tube and the liquid holder forming a structure so as to form the only passage available for the gas to escape from the plant to the flare stack; such gas escaping from the plant to the flare only when the liquid in the said U-tube has been completely displaced into the liquid holder due to the pressure applied by such escaping gas.

The statement

(a) a bent tube of U shape, such U-tube having one arm connected to the pipe collecting all the vented gas released from the plant, and other arm connected to a liquid holder;

(b) a piping, fitted with a non-return valve, connecting the bottom of the liquid holder to the bottom of the U-tube;

(c) the top of the liquid holder connected to the piping leading to the flare stack; provides a description of the construction of the liquid seal and is not intended to be claimed, while the part of the statement

Wherein there is provided a piping connecting the tip of one arm of the U-tube to the pipe connecting top of the liquid holder; the U-tube and the liquid holder forming a structure so as to form the only passage available for the gas to escape from the plant to the flare stack; such gas escaping from the plant to the flare only when the liquid in the said U-tube has been completely displaced into the liquid holder due to the pressure applied by such escaping gas

has been taken from the original Claim 1 as I believe this feature is novel and my intention is to claim this novelty.

3. I propose to amend the Claim 4 (f) whereby the word *restricted* is deleted as an orifice described in the specification is understood to be controllable. The Claim 4 shall now be renumbered as Claim 2 and the Claim 2 (f) now reads:

a second pipe means originating from between the said second KOD means and the second liquid seal means carrying the gas to the recovery means; such second pipe means provided with a orifice to control the flow of gas from



within it to the said recovery means.

4. The Claims 5 & 6 have been renumbered as Claim 3 and Claim 4 and are exactly as originally filed but corrected to depend on the new Claim 2.
5. I propose to delete the original Claim 7 as it does not define the invention in any technical term.
6. I further wish to cancel the POWER OF ATTORNEY given to my attorneys and shall be further prosecuting the application myself.
7. I wish all communication to be sent to the following address in The United States of America:

Shikhar Singh,
916 W. Victoria Ave.,
Apt # 208,
Montebello,
Ca- 90640,
United States of America.

8. Other than the changes brought about in this document, I wish the Office to consider the application as amended at International stage under Article 34 of PCT.
9. A Claims sheet consisting all FOUR Claims accompanies this submission. [Ann - A]
10. I have changed my residence in India and the address appearing on the records of USPTO needs to be changed. My new address in India is:

Padam Singh,
C - 704, Harshvardhan,
185, Saki Vihar Road,
Andheri (East),
Bombay 400072,
India

I hope that the Office shall be satisfied with our arguments presented here and prosecute the application further.

Regards



Padam Singh

(Applicant)